

APICAL

INDUSTRIES, INC.

ENGINEERING CHANGE NOTICE NO.

04486

SHEET 1 OF 1

DWG NO. 649.4700

REV: B

PREPARED BY

J. SOTO

DATE: 04/04/2014

EFFECT ON DWG

☐ INC. ☒ UNINC.

DWG TITLE: A119 CABLE CUTTERS KIT

APPROVED BY:

ENGR

MFG

QC

EFF.

NEXT ORDER

TRANSACTION CODES (TC):

A-ADD
R-REVISE

C-CREATE
D-DELETE

REASON: REVISED F/N 36.

ECR:

D-14-02

Superseded

36

R

601.3008

2

INSERT

NAS1834C3-300

F/N TC

PART NUMBER

.4701

QTY

DESCRIPTION

MATERIAL

SPECIFICATION

DOCUMENTS EFFECTED:

☐ MDL

☐ INSTALL INSTRUCTIONS

☐ ICA

☐ FMS

☒ BOM

CHANGE CATEGORY

☐ MAJOR

☒ MINOR

DER REVIEW REQUIRED

☐ YES

☒ NO

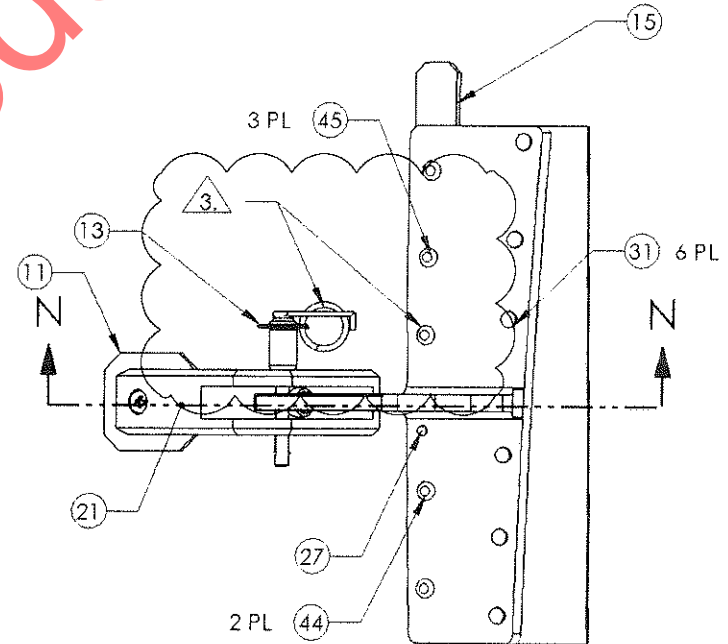
APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03885				SHEET 1 OF 1	
	DWG NO. 649.4700		REV: B	PREPARED BY J. BAINI	DATE: 05/15/13	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
	DWG TITLE: A119 CABLE CUTTERS KIT					
	APPROVED BY:	ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: CURRENT ORDER	
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: UPDATED LOCATION/NOTES FOR F/N 13				ECR:

SHEET 1, ZONE A1, IS:

NOTES:

1. APPLY F/N 62 TO FAYING SURFACES.
2. AFTER INSTALLATION, APPLY F/N 63 A/R TO FILL GAPS AND FILLET EDGES
3. MATCH DRILL HOLE ON TAB OF F/N 13 TO FIT RIVET F/N 45

SHEET 3, ZONE D4, IS:



13	R	601.3493	2		QUICK RELEASE PIN		3.
F/N	TC	PART NUMBER	.4701	QTY	DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:						CHANGE CATEGORY	DER REVIEW REQUIRED
<input type="checkbox"/> RFMS <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRU <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM						<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03732				SHEET 1 OF 1	
	DWG NO. 649.4700	REV: B	PREPARED BY B. PETERS	DATE: 12/06/12	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.	
	DWG TITLE: A119 CABLE CUTTERS KIT					
APPROVED BY: ENGR <i>[Signature]</i>		MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: NEXT ORDER		
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: REVISED SUPPLIER PART NUMBERS ON BOM.			ECR: 12-54	

Superseded

SHEET 1, BOM IS:

46	R	601.3146	2		SCREW	MS24694S57	
36	R	601.3008	2		INSERT	NAS1834C3-300	
F/N	TC	PART NUMBER	QTY		DESCRIPTION	MATERIAL	SPECIFICATION
		4701					
DOCUMENTS EFFECTED:						CHANGE CATEGORY	DER REVIEW REQUIRED
<input type="checkbox"/> RFMS <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM						<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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NOTES:

1. APPLY F/N 62 TO FAYING SURFACES.

2. AFTER INSTALLATION, APPLY F/N 63 A/R TO FILL GAPS AND FILLET EDGES

2
B7

DETAIL A

3

3
B7

DETAIL B

DETAIL D

5
B6

DETAIL C

4
B7

UNINCORPORATED ECN(S)

03732, 03885, 04486

16	66	601.3151	WASHER	NAS1149F0363P	
	65		DELETED		
2	64	601.3537	SCREW	MS24694-S14	
1	63	600.1012	SEALANT	PR-1425 CLAS B	
1	62	601.2045	RTV	LOCTITE 598	△
8	61	601.2381	WASHER	NAS620C-10L	
8	60	601.2638	WASHER	NAS1149F0432P	
23	59	601.2764	WASHER	NAS1149F0832P	
53	58	601.1607	WASHER	NAS1149F0332P	
2	57	601.3470	WASHER	AN970-3	
6	56	601.1365	SCREW	MS27039-1-10	
4	55	601.1621	SCREW	MS27039-1-08	
2	54	601.3289	SCREW	MS27039-1-25	
6	53	601.2765	SCREW	MS27039-0819	
13	52	601.3190	SCREW	MS27039-1-13	
3	51	601.3124	SCREW	MS27039-0824	
4	50	601.1622	SCREW	MS27039-1-14	
4	49	601.2910	SCREW	MS27039-1-18	
	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
N/C	LAST PROTOTYPE REVISION: PR2		N/C
A	INITIAL RELEASE	01-26-2012	P. BRAVO
B	INCORPORATED ECN 03444, 03489	04-17-2012	P. BRAVO
	INCORPORATED ECN 03527	05-29-2012	P. BRAVO

	2	48	601.3252	SCREW	MS24694S58	
	3	47	601.3536	SCREW	MS24694-S13	
	2	46	601.3146	SCREW	MS24694C57	
	8	45	601.1125	RIVET	MS20470AD5-11	
	4	44	601.2542	RIVET	MS20470AD5-9	
		43		DELETED		
	23	42	601.1773	RIVET	MS20470AD4-3	
	12	41	601.1616	RIVET	MS20426AD3-5	
	6	40	601.1900	NUTPLATE	MS21059-3	
	1	39	601.3209	LOCKNUT	MS21042L4	
	25	38	601.1624	LOCKNUT	MS21042L3	
	14	37	601.1541	LOCKNUT	MS21042L08	
	2	36	601.3008	INSERT	NAS1834C-300	
	2	35	601.3468	INSERT	NAS1832-4-7	
	8	34	601.3459	INSERT	NAS1832-3-7	
	2	33	601.3474	CHERRY RIVET	CR3214-5-02	
	31	32	601.3496	CHERRY RIVET	CR3213-6-12	
	20	31	601.3472	CHERRY RIVET	CR3213-5-05	
	29	30	601.1183	CHERRY RIVET	CR3213-4-05	
		29		DELETED		
	16	28	601.2020	CHERRY RIVET	CR3213-5-03	
	2	27	601.3473	CHERRY RIVET	NAS1097AD-4-3	
	2	26	601.2669	BOLT	AN4C7A	
	4	25	601.3555	BOLT	AN4C5A	
	8	24	601.0788	BOLT	AN3C12A	
	1	23	649.5112	WIPER DEFLECTOR		
	1	22	649.5111	WIPER DEFLECTOR		
	2	21	649.5110	WIPER DEFLECTOR		
	8	20	647.9014	STRUT BRACKET		
	4	19	646.9910	STRUT		
	3	18	649.4815	SHIM		
	1	17	649.4812	SHIM		
	2	16	649.5213	DOUBLER		
	2	15	649.4813	SHIM		
	1	14	649.5211	SHIM		
	2	13	601.3493	QUICK RELEASE PIN		
	1	12	649.4816	DOUBLER		
	2	11	649.4814	DOUBLER		
	2	10	649.5210	DOUBLER		
	1	9	649.5011	DEFLECTOR		
	2	8	649.5013	DEFLECTOR		
	2	7	649.5012	DEFLECTOR		
	1	6	649.4811	CLIP		
	1	5	649.5212	BRACKET		
	1	4	649.5214	BRACKET		
	1	3	649.5010	DEFLECTOR		
	1	2	649.4901	UPPER CUTTER ASSY		
	1	1	649.4902	LOWER CUTTER ASSY		
			649.4701	A119 CABLE CUTTERS KIT		

QTY

NEXT ASSY (S)

ORIGINAL DATE
(MO-DA-YR) 04-17-2012
DRAWN BY
S. COCHRAN
CHECKER
P. BRAVO
DRAWING APPROVAL
P. BRAVO
04-17-2012
CONTRACT No.

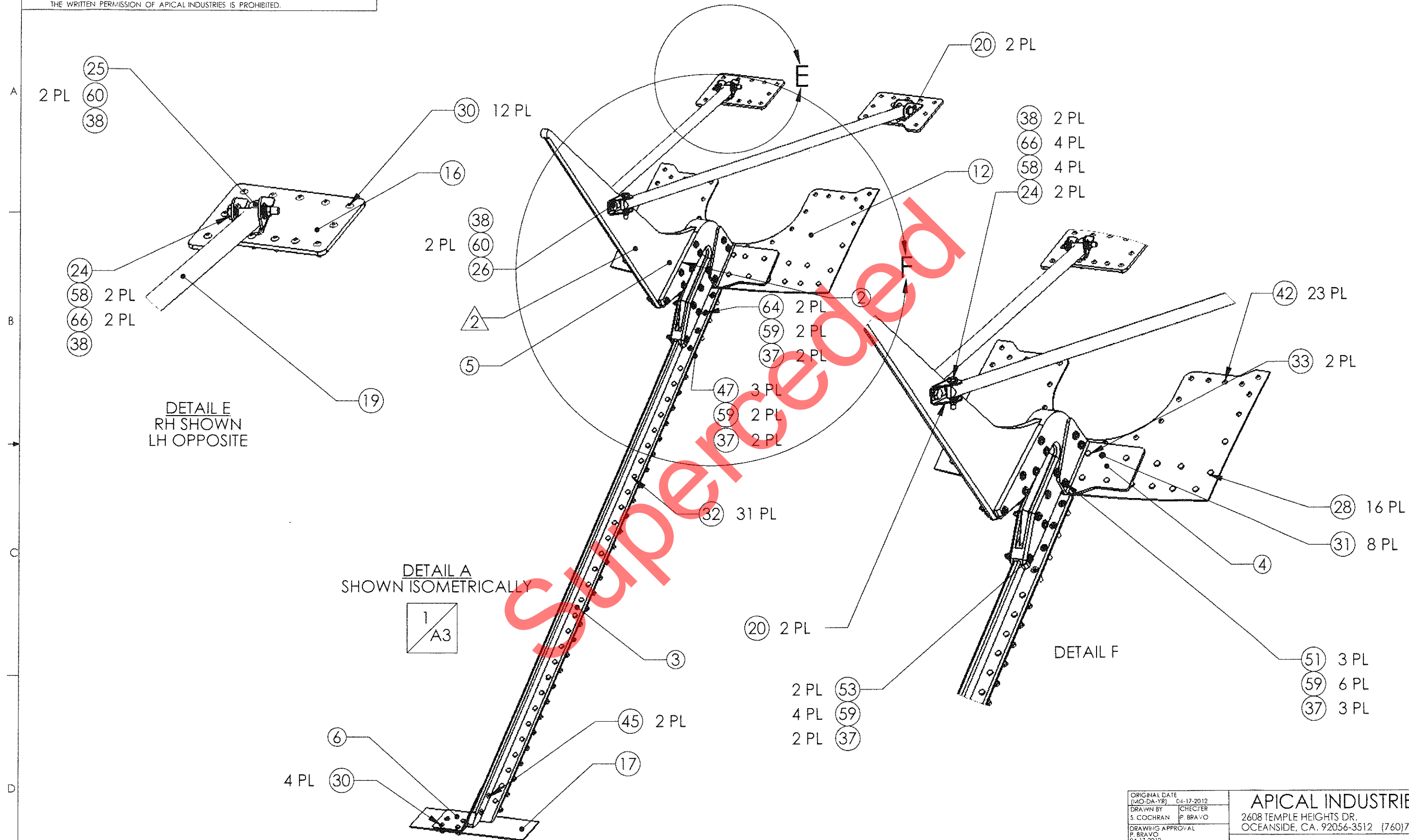
APICAL INDUSTRIES

2608 TEMPLE HEIGHTS DR.
OCEANSIDE, CA. 92056-3512 (760)724-5300

A119 CABLE CUTTERS KIT

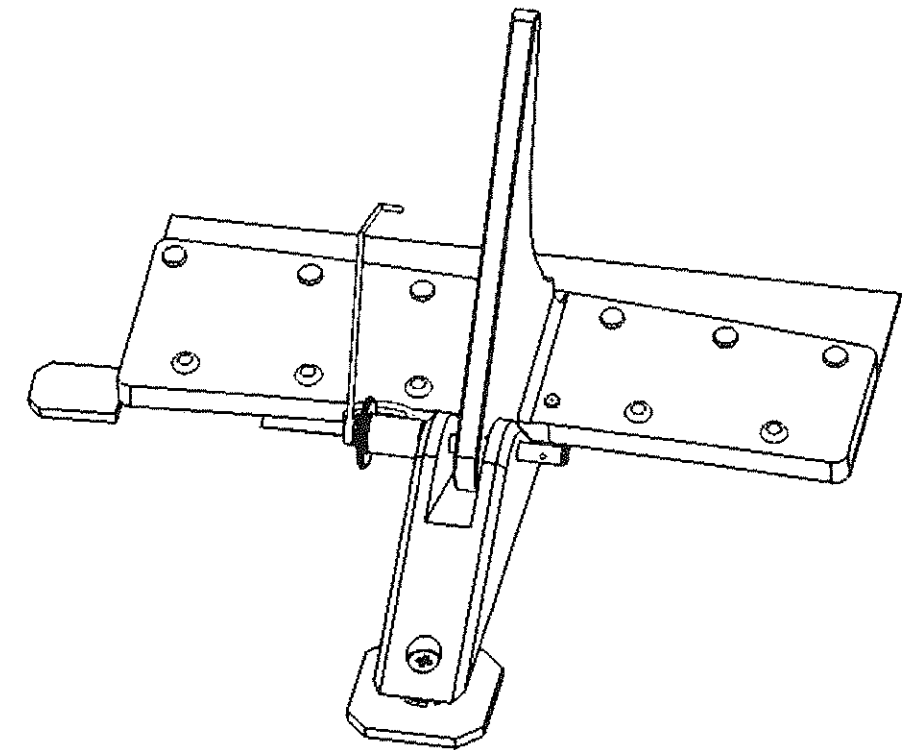
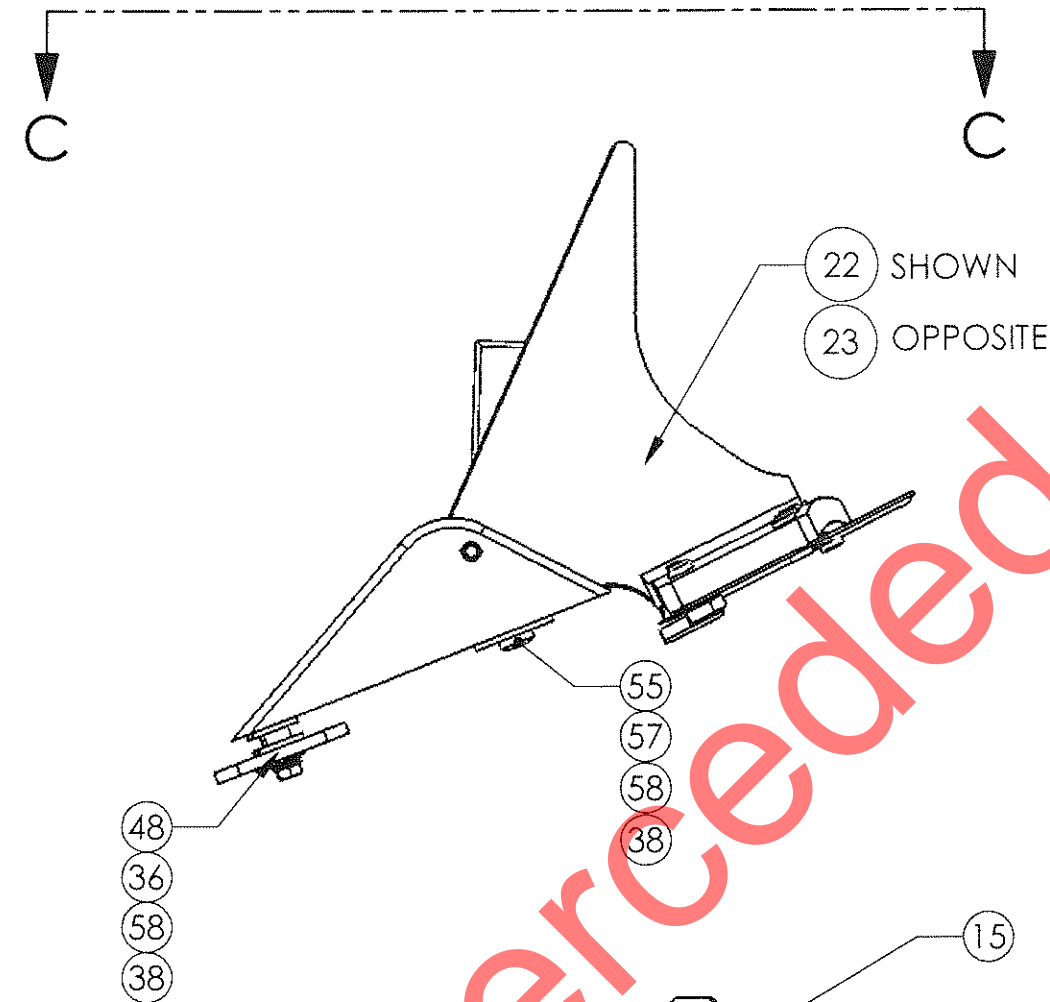
SHEET 1 OF 5
CAGE CODE 07M26
DWG. NO. 649.4700
SCALE NONE
SHEET 1 OF 5

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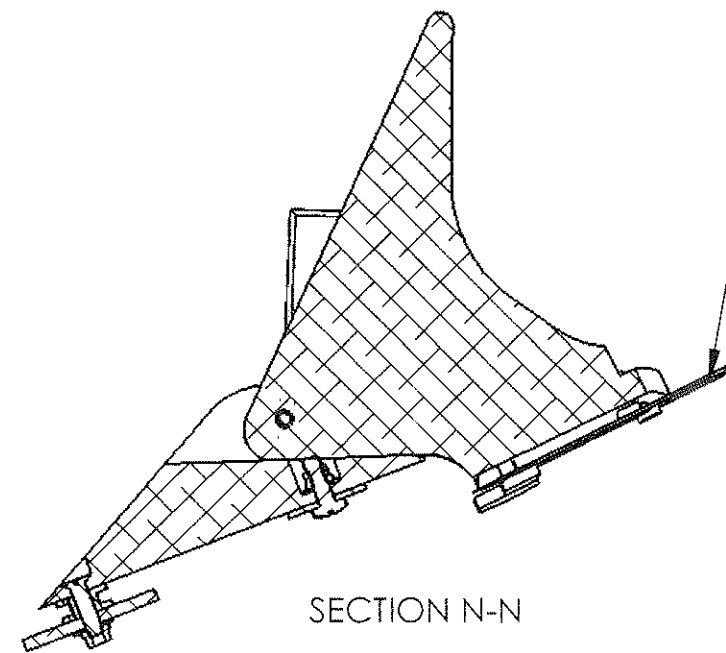


ORIGINAL DATE (MO-DA-YR) 04-17-2012		APICAL INDUSTRIES	
DRAWN BY S. COCHRAN	CHECKER P. BRAVO	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO 04-17-2012		A119 CABLE CUTTERS KIT	
CONTRACT No.		SZE B	REV. B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		CAGE CODE 071A26	DWG. NO. 649.4700
		SCALE NONE	SHEET 2 OF 5

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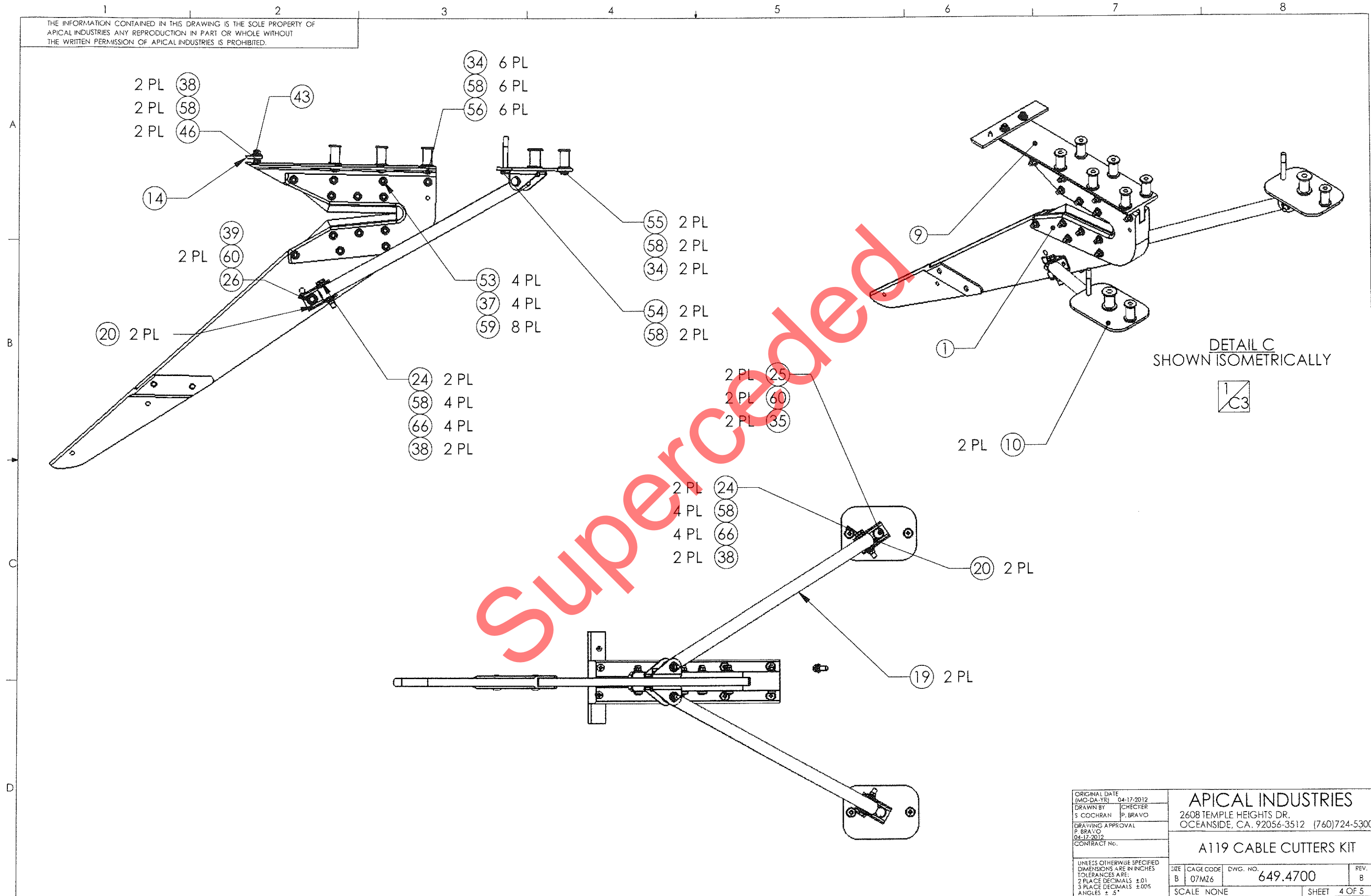
DETAIL B
SHOWN ISOMETRICALLY
RH SHOWN
LH OPPOSITE



SECTION N-N

ORIGINAL DATE (MO-DA-YR) 04-17-2012		APICAL INDUSTRIES	
DRAWN BY S. COCHRAN	CHECKER P. BRAVO	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO 04-17-2012 CONTRACT No.		A119 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV. B
CAGE CODE D7MZ6		DWG. NO. 649.4700	SCALE NONE
SHEET 3 OF 5			

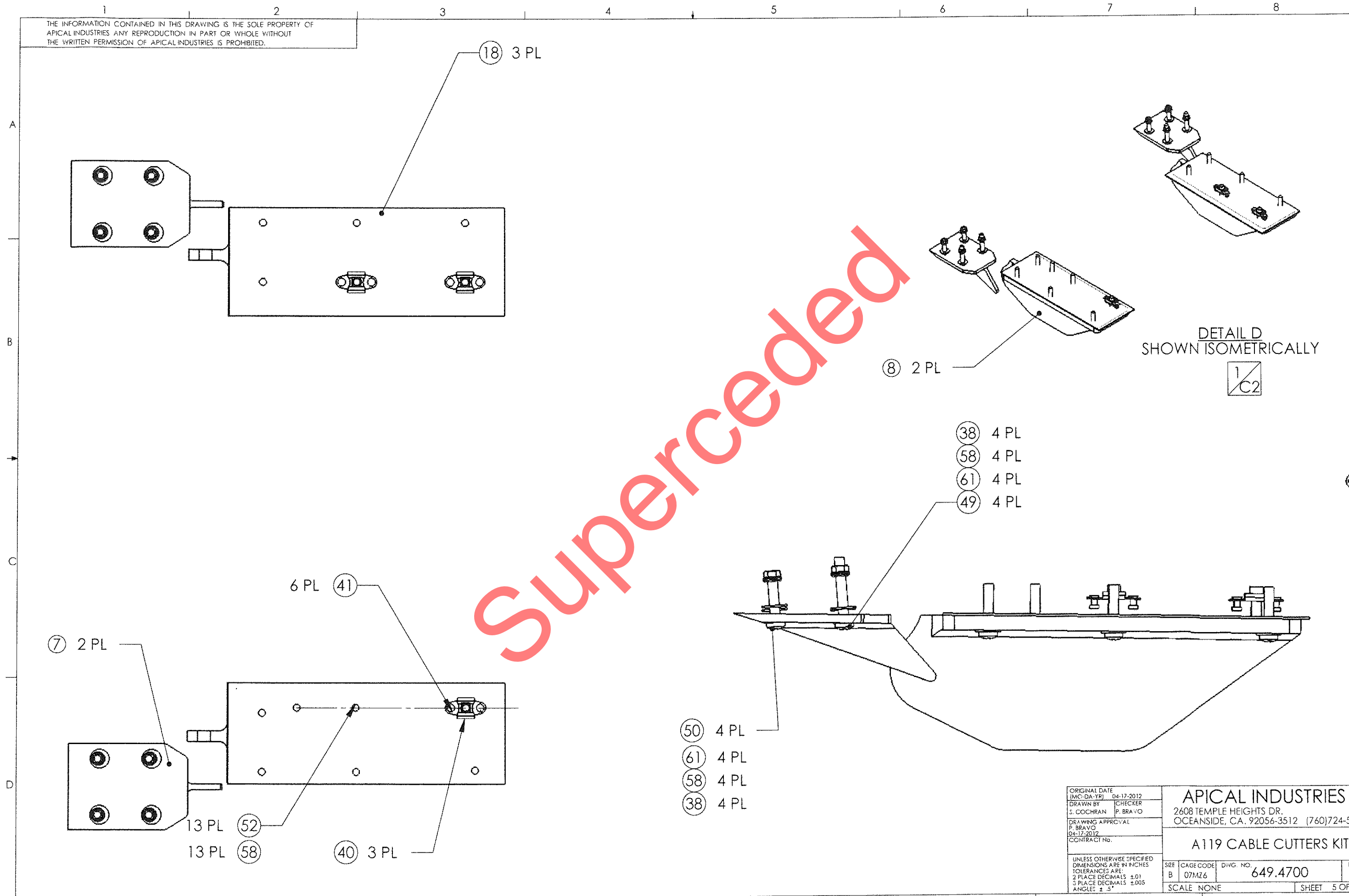
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DETAIL C
SHOWN ISOMETRICALLY
1
C3

ORIGINAL DATE (MO-DA-YR) 04-17-2012		APICAL INDUSTRIES	
DRAWN BY S COCHRAN		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
CHECKER P. BRAVO		A119 CABLE CUTTERS KIT	
DRAWING APPROVAL P. BRAVO			
04-17-2012			
CONTRACT NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV. B
		CAGE CODE 07M26	DWG. NO. 649.4700
		SCALE NONE	SHEET 4 OF 5

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ORIGINAL DATE (MO-DA-YR) 04-17-2012		APICAL INDUSTRIES	
DRAWN BY S. COCHRAN	CHECKER P. BRAVO	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO 04-17-2012 CONTRACT NO.		A119 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV. B
		CAGE CODE 07MZ6	DWG. NO. 649.4700
		SCALE NONE	SHEET 5 OF 5